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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

INGVOLDSTAD, BENNETT

ART UNIT

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2427

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/550,195	Applicant(s) WATANABE ET AL.	
	Examiner Bennett Ingvaldstad	Art Unit 2427	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 November 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12/22/08</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 3 November 2008 has been entered.

Response to Arguments

2. Applicant's arguments filed 3 November 2008 have been fully considered.
3. Applicant amended the independent claims to require "moving the content cards along a parametric curve, a shape of the parametric curve changing in response to a movement of the selection indicator." Applicant argues that Sciammarella '848 does not teach these limitations, but this argument is unpersuasive.
4. As previously cited, Sciammarella '848 teaches moving content cards along a parametric curve in the shape of a helix. Fig. 4. Sciammarella '848 further teaches changing the shape of the parametric curve in response to a movement of a selection indicator by contracting the helix's radius when several content cards are scrolled in succession. Para. [0081]. Therefore, the previous rejections meet the amended claims, and are upheld.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 22-30 rejected under 35 U.S.C. 103(a) as being unpatentable over Sciammarella '848 (US 2002/0033848).

Claim 22: Sciammarella discloses a display processing apparatus for performing a process for displaying content information that is classified into genres (displaying information about data files in audio or image genres [Abstract]), the display processing apparatus comprising:

- content display data generating means for performing a process for configuring content cards recording content information according to the number of content items (thumbnail cards recording file name, size, date information for each file [Figs 1-4]), displaying a card group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the content information being hidden (displaying thumbnails representing the number of files, the content information 26 visible for only the selected thumbnail 25' [Fig 4]), and

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- displaying a content item selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed (the selected thumbnail 25' with content information 26 [Fig 4]); and
- wherein the content information is continuously displayed according to a user selection operation (focus outline continuously displays the selected thumbnail [0050] along with content information [Fig 4]), and the content display data generating means is configured to perform a process for moving the content cards along a parametric curve (a helix [Fig 4]), a shape of the parametric curve changing in response to a movement of the selection indicator [para 0081].

In a separate embodiment, Sciammarella further discloses:

- display data generating means for performing a process for displaying genres corresponding displayed content information and displaying the genre of the selected content information as being displayed (genre bar along bottom edge of the screen [Fig 31], "Images" near the top right corner to indicate the selected genre [Fig 31]).

It would have been obvious to have combined the display embodiments for the purpose of allowing the user to more easily select the genre of content for display and to see the currently displayed genre while using the helix display method [Fig 4].

Claim 23, depending on claim 22: Sciammarella further discloses wherein the content display data generating means is configured to perform a process for determining the manner in which each of the content cards is displayed depending on the relative position of the selection indicator in the card group (the thumbnails are scaled based on their placement within the sequence of thumbnails in relation to the selected thumbnail [Fig 4] [0057]).

Claim 24, depending on claim 22: Sciammarella further discloses wherein the content display data generating means is configured to determine the manner in which each of the content cards is displayed depending on the relative position of the selection indicator in the card group (the thumbnails are overlaid based on their placement within the sequence of thumbnails in relation to the selected thumbnail [Fig 2] [0055]), and

is configured to perform a display process in which a content card at a position close to the selection indicator is set to an angle at which the content information is displayed and a content card at a position far from the selection indicator is set to an angle at which the content information is hidden (filename content information 31 is displayed for thumbnails 23 close to the selected thumbnail 25 but hidden for those far away, i.e. off the edge of the screen [Fig 2]).

Claim 25, depending on claim 22: Sciammarella further discloses wherein the content display data generating means is configured to perform a process for moving the content cards along a parametric curve (along a helix [Fig 4] [0059]) and displaying a content item selected by the selection indicator at a position on the parametric curve apart from the card group with the content information being displayed (displaying the selected image content item with the content information [Fig 19] [0088]).

Claim 26: Sciammarella discloses a display processing method for performing a process for displaying content information that is classified into genres (displaying information about data files in audio or image genres [Abstract]), the display processing method comprising:

- configuring content cards recording content information according to the number of content items (thumbnail cards recording file name, size, date information for each file [Figs 1-4]) and displaying a card group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the content information being hidden (displaying thumbnails representing the number of files, the content information 26 visible for only the selected thumbnail 25' [Fig 4]);
- displaying a content item selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being

displayed (the selected thumbnail 25' with content information 26 [Fig 4]);
and

- wherein the content information is continuously displayed according to a user selection operation (focus outline continuously displays the selected thumbnail [0050] along with content information [Fig 4]) by moving the content cards along a parametric curve (a helix [Fig 4]), a shape of the parametric curve changing in response to a movement of the selection indicator [para 0081].

In a separate embodiment, Sciammarella further discloses:

- displaying genres corresponding to displayed content information and displaying the genre of the selected content information as being displayed (genre bar along bottom edge of the screen [Fig 31], "Images" near the top right corner to indicate the selected genre [Fig 31]).

It would have been obvious to have combined the display embodiments for the purpose of allowing the user to more easily select the genre of content for display and to see the currently displayed genre while using the helix display method [Fig 4].

Claim 27, depending on claim 26: Sciammarella further discloses performing a process for determining the manner in which each of the content cards is displayed depending on the relative position of the selection indicator in the card

group (the thumbnails are scaled based on their placement within the sequence of thumbnails in relation to the selected thumbnail [Fig 4] [0057]).

Claim 28, depending on claim 26: Sciammarella further discloses wherein the display processing method comprises determining a manner in which each of the content cards is displayed depending on the relative position of the selection indicator in the card group (the thumbnails are overlaid based on their placement within the sequence of thumbnails in relation to the selected thumbnail [Fig 2] [0055]), and performs a display process in which a content card at a position close to the selection indicator is set to an angle at which the content information is displayed and a content card at a position far from the selection indicator is set to an angle at which the content information is hidden (filename content information 31 is displayed for thumbnails 23 close to the selected thumbnail 25 but hidden for those far away, i.e. off the edge of the screen [Fig 2]).

Claim 29, depending on claim 26: Sciammarella further discloses wherein the display processing method performs a process for moving the content cards along a parametric curve (along a helix [Fig 4] [0059]) and displaying a content item selected by the selection indicator at a position on the parametric curve apart from the card group with the content information being displayed (displaying the selected image content item with the content information [Fig 19] [0088]).

Claim 30: Sciammarella discloses a computer readable medium encoded with a computer program for performing a process for displaying content information that is classified into genres (displaying information about data files in audio or image genres [Abstract]), the computer program comprising:

- a step of configuring content cards recording content information according to the number of content items (thumbnail cards recording file name, size, date information for each file [Figs 1-4]) and displaying a card group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the content information being hidden (displaying thumbnails representing the number of files, the content information 26 visible for only the selected thumbnail 25' [Fig 4]);
- a step of displaying a content item selected by a user- operable selection indicator in a portion adjacent to the card group with the content information being displayed (the selected thumbnail 25' with content information 26 [Fig 4]); and
- wherein the content information is continuously displayed according to a user selection operation (focus outline continuously displays the selected thumbnail [0050] along with content information [Fig 4]) by moving the content cards along a parametric curve (a helix [Fig 4]), a shape of the

parametric curve changing in response to a movement of the selection indicator [para 0081].

In a separate embodiment, Sciammarella further discloses:

- a step of displaying genres corresponding to displayed content information and displaying the genre of the selected content information as being displayed (genre bar along bottom edge of the screen [Fig 31], “Images” near the top right corner to indicate the selected genre [Fig 31]).

It would have been obvious to have combined the display embodiments for the purpose of allowing the user to more easily select the genre of content for display and to see the currently displayed genre while using the helix display method [Fig 4].

3. Claims 31-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sciammarella ‘848 (US 2002/0033848) in view of Sciammarella ‘940 (US 6281940).

Claims 31, 33, and 35: Sciammarella ‘848 does not further disclose wherein the genre is based on an electronic program guide.

Sciammarella ‘940 discloses a graphical user interface that is similar to the ‘848 reference’s GUI. The ‘848 GUI is used to preview image and audio files [Abstract], whereas the ‘940 GUI is used to preview broadcast media programs [Abstract]. The ‘940 GUI is thus an electronic program guide [Figs 4 and 7a-c] by virtue of comprising selectable broadcast media channels.

It would have been obvious to have modified the '848 reference's GUI to have been an EPG, the genres thus being selectable via the EPG and therefore "based on" an EPG, for the purpose of previewing and displaying additional types of media such as broadcast media for selection ['940 col. 1, l. 17-19].

Claims 32, 34, and 36: Sciammarella '848 does not further disclose wherein the genres include news and drama.

Sciammarella '940 discloses that genres such as movies or news [col. 6, l. 19-28] may include subgenres such as drama [col. 2, l. 27-32].

Therefore it would have been obvious to modify the genres of Sciammarella '848 (e.g. movies ['848 Fig 31]) to comprise the "news" genre and subgenres such as drama, for the purpose of further categorizing broadcast programs, thus allowing easier selection of a desired type of program.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bennett Ingvoldstad whose telephone number is (571)270-3431. The examiner can normally be reached on M-F 9-5 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Scott Beliveau can be reached on (571) 272-7343. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason P Salce/
Primary Examiner, Art Unit 2421

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/Bennett Ingvaldstad/
Examiner, Art Unit 2427